**I’m your #1 fan!**

Include **at least 15** of the vocabulary words below in your letter.

**Reference Angle Hypotenuse Adjacent Leg Opposite Leg Angle of Depression Angle of Elevation Inverse Sine Inverse Cosine Inverse Tangent Radians Initial Side Sine Cosine Tangent Terminal Side Standard position Subtend Coterminal Angle**

**Dear** SOHCAHTOA**,**

**(Introduce Yourself! Say why you’re a fan.)**

**(FACTS/WHAT YOU KNOW)** Properties of SOHCAHTOA, use vocabulary words from above.

**(Personal Connection)** What properties of SOHCAHTOA relate to you personally?

**(Questions or Comments)** Your questions and comments should be relevant and relate to mathematics. “Who thought of the nickname SOHCAHTOA for you?”, “Is it hard being the only 3 functions that can describe a right triangle, oh the stress you must feel!”

**Sincerely,**

Ms. Walden (A Math Magician)